Preliminary DRAFT Cedar River Tributaries Chinook Population - Tier 2 - Initial Habitat Project List Includes Potential Restoration and Protection Projects by Reach. Taylor/Downs Reaches 2-7

Reach 1: Taylor/Downs Creek from Mouth to Maxwell Rd Crossing (RM 0.4) Restoration

Technical Hypothesis: Reduce sedimentation, restore pool habitat by adding LWD, restoring riparian vegetation, and increasing off-channel habitat.

				, ,		<u> </u>	9 <i>7</i> 9		
Project	Reach	Reach	NTAA #	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	Feasib.
#	#	Restor.			w/Tech.	Cost	Trotos, rioj cricoriaminos	to	H, M, L
		Benefit			Hypoth.			Chinook	
		Rank			(Y/N)			H, M. L	
C330	1	not ranked	new	Riparian Restoration: Removal of invasive species such as japanese knotweed and replanting with native vegetation and conifers.	Y			H/M	Н
C331	1	not ranked	new	Add Large Woody Debris in Reach 1.	Υ			Н	Н

Protection

Technical Hypothesis: Protect forest cover, riparian cover, LWD, channel connectivity and pools.

Project	Reach	Reach	Existing	NTAA	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	Feasib.
#	#	Prot.	Prot.	#	F 1 2 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4	w/Tech.	Cost	,,	to	H, M, L
		Benefit	Priority			Hypoth.			Chinook	
		Rank	(Y/N)			(Y/N)			H, M. L	
C332	1	1 Of 7	Υ	4h	Mouth of Taylor Creek Reach: Acquire approximately 40	Υ		Also listed on Cedar Mainstem.	Н	Н
					acres of forested riparian floodplain associated with both					
					the Cedar mainstem and the lower reach of Taylor Creek.					
					The target parcels include approximately 1,000 feet of					
					mainstem channel, nearly 1,300 feet of the lowermost reach					
					and mouth of Taylor Creek, and one of the largest					
					remaining floodplain wetlands adjacent to the mainstem.					
					Some of the acquisitions will facilitate future levee removal					
					and/or modification projects.					

Reach 2: Taylor/Downs Creek from Maxwell Rd Crossing (RM 0.4) to RM 0.8 (stream leaves ditch alongside Maxwell Rd, lower end of potential restoration project)

Restoration

Technical Hypothesis: Reduce sedimentation and channel confinement; restore pool habitat by adding LWD, restoring riparian vegetation, and increasing off-channel habitat.

Project #	Reach #	Restor. Benefit	NTAA #	NTAA Name & Description	Fits w/Tech. Hypoth.	Approx. Cost	Notes, Key Uncertainties	Chinook	Feasib. H, M, L
C333	2	Rank not ranked	8i	Lower Taylor Creek Floodplain Restoration: Relocate 800 feet of stream away from Maxwell Road, restore floodplain wetlands and off-channel habitat, place LWD and restore riparian vegetation.	Y Y	lmillion	Planned for construction in 2005. Cost estimate includes acquisition of one property.	H, M. L	Н
C334	2	not ranked	new	Riparian Restoration: In lower 20-30% of reach not included in planned floodplain restoration, work with private property owners to remove non-native plants and plant native vegetation.	Y		Willing land owners.	M	Н

Protection

Technical Hypothesis: Protect forest cover, riparian cover, LWD, channel connectivity and pools.

Project	Reach	Reach	Existing	NTAA	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	Feasib.
#	#	Prot.	Prot.	#	1417 V Maine a Beschphon	w/Tech.	Cost	Trotos, rey oncortaining	to	H, M, L
		Benefit	Priority			Hypoth.			Chinook	
		Rank	(Y/N)			(Y/N)			H, M. L	
	2	7 of 7			No projects identified at this time.					

Reach 3: Taylor/Downs Creek from RM 0.8 (creek leaves Maxwell Rd) to RM 0.9 Restoration

Technical Hypothesis: R educe sedimentation, restore pool habitat by adding LWD, restoring riparian vegetation, and increasing off-channel habitat.

				- a a a a a a a a a a a a a a a a a a a					
Project	t Reac	h Reach	NTAA #	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	Feasib.
#	#	Restor.		The state of E cool parent	w/Tech.	Cost	Training Chicantaminas	to	H, M, L
		Benefit			Hypoth.			Chinook	
		Rank			(Y/N)			H, M. L	
	3	not		No projects identified at this time.					
		ranked		respecto acrimica di une unici					

Protection

Technical Hypothesis: Protect forest cover, riparian cover, LWD, channel connectivity and pools.

Project	Reach	Reach	Existing	NTAA	NTAA Name & Description	Fits	Approx	Notes, Key Uncertainties	Benefits	Feasib
#	#	Prot.	Prot.	#	INTAA Name & Description	w/Tech.	Cost	inoles, key oncertainties	to	H. M. L
	"	Benefit	Priority			Hypoth.	000.		Chinook	,, _
		Rank	(Y/N)			(Y/N)			H, M. L	ŀ
	3	6 of 7			No projects identified at this time.					

Reach 4: Taylor/Downs Creek from RM 0.9 to RM 1.0 (upper end of restoration project) Restoration

Technical Hypothesis: Reduce sedimentation, restore pool habitat by adding LWD, restoring riparian vegetation, and increasing off-channel habitat.

Project	Reach	Reach	NTAA #	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	Feasib.
#	#	Restor.			w/Tech.	Cost	1.10100, 1.10, 0.1100.110.1100	to	H, M, L
		Benefit			Hypoth.			Chinook	
		Rank			(Y/N)			H, M. L	
	4	not		No projects identified at this time.					
		ranked		rio projecto racrimica at uno unio.					

Protection

Technical Hypothesis: Protect forest cover, riparian cover, LWD, channel connectivity and pools.

					,, -	,				
Project	Reach	Reach	Existing	NTAA	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	Feasib.
#	#	Prot.	Prot.	#		w/Tech.	Cost	· · · · · · · · · · · · · · · · · · ·	to	H, M, L
		Benefit	Priority			Hypoth.			Chinook	
		Rank	(Y/N)			(Y/N)			H, M. L	
•	4	2 of 7			No projects identified at this time.					

Reach 5: Taylor/Downs Creek from (RM 1.0) to RM 1.4 (Hwy. 18, bottom of ravine); End of Chinook Distribution. Restoration

Technical Hypothesis: Reduce sedimentation, restore pool habitat by adding LWD, restoring riparian vegetation, and increasing off-channel habitat.

				, add to the state of the state			man regetation, and more dening on enaminer maintain		
Project	Reach	Reach	NTAA #	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	Feasib.
#	#	Restor.			w/Tech.	Cost	· · · · · · · · · · · · · · · · · · ·	to	H, M, L
		Benefit			Hypoth.			Chinook	
		Rank			(Y/N)			H, M. L	
C335	5	not	new	Add Large Woody Debris: Add large woody debris in	Y		WDOT doing work on Hwy. 18 upstream - maybe	M/L	Н
		ranked		Reach 5.			potential source of funds.		

Protection

Technical Hypothesis: Protect forest cover, riparian cover, LWD, channel connectivity and pools.

		,,			otoot forcot cover, riparian cover, 200, channo connecti	ity arre	poole.			
Project	Reach	Reach	Existing	NTAA	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	
#	#	Prot.	Prot.	#	'	w/Tech.	Cost		to	H, M, L
		Benefit	Priority			Hypoth.			Chinook	
		Rank	(Y/N)			(Y/N)			H, M. L	
•	5	5 of 7			No projects identified at this time.					

Reach 6: Taylor/Downs Creek from RM 1.4 to top of ravine (RM 1.9). Restoration

Technical Hypothesis: Reduce sedimentation, restore pool habitat by adding LWD, restoring riparian vegetation, and increasing off-channel habitat.

					,		 	,		<u> </u>		3		
Pro	oject	Reach	Reach	NTAA #	NTAA Name & Description				Fits	Approx.	Notes, Key Uncertainties		Benefits	Feasib.
:	#	#	Restor.					١	w/Tech.	Cost	, ., .,			H, M, L
			Benefit					1	Hypoth.				Chinook	
			Rank						(Y/N)				H, M. L	

C336	6	not ranked		Add Large Woody Debris: Add large woody debris in Reach 6.	Y	Chinook now have access above Highway 18.	Н	Н
C337	6	not ranked	new	Protect and Restore Riparian Vegetation in Reach 6.	Y	There are pastures in reach, would be good to not have pastures encroach further into riparian buffer.	M	Н

Protection

Technical Hypothesis: Protect forest cover, riparian cover, LWD, channel connectivity and pools.

Project	Reach	Reach	Existing	NTAA	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	Feasib.
#	#	Prot.	Prot.	#		w/Tech.	Cost	[,,,	to	H, M, L
		Benefit	Priority			Hypoth.			Chinook	
		Rank	(Y/N)			(Y/N)			H, M. L	
	6	3 of 7			No projects identified at this time.					

Reach 7: Taylor/Downs Creek from RM 1.9 to RM 3.4 (upper extent of coho distribution; assumed at 258th St - King County Fish Dist Map) Restoration

Technical Hypothesis: Reduce sedimentation, restore pool habitat by adding LWD, restoring riparian vegetation, and increasing off-channel habitat.

Project	Reach	Reach	NTAA #	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	Feasib.
#	#	Restor.			w/Tech.	Cost		to	H, M, L
		Benefit			Hypoth.			Chinook	
		Rank			(Y/N)			H, M. L	
C338	7	not	new	Taylor Creek Golf Course: Investigate whether or not	Υ			?	M
		ranked		there are any water quality problems associated with					
				management of the golf course and work with golf course					
				owners to implement additional Best Management Practices					
				if necessary.					

Protection

Technical Hypothesis: Protect forest cover, riparian cover, LWD, channel connectivity and pools.

Project	Reach	Reach	Existing	NTAA	NTAA Name & Description	Fits	Approx.	Notes, Key Uncertainties	Benefits	Feasib.
#	#	Prot.	Prot.	#		w/Tech.	Cost		TO Ohiola	⊓, IVI, ∟
		Benefit	,			Hypoth.			Chinook	
	 	Rank	(Y/N)			(Y/N)			H, M. L	
	7	4 of 7			No projects identified at this time.					